

SCHOLASTIC ACHIEVEMENTS

- Granted a **Scholarship** for outstanding academic performance in JEE Mains and Advance by **Panasonic India Pvt. Ltd.** [**'16**]
- Awarded an **AP grade** for excellent performance in Mass Transfer I (given to **3** out of **144** students) [**'18**]
- Offered Scholarship for Higher Education (**top 1%**) under **INSPIRE** program of the Government of India [**'16**]

PROFESSIONAL EXPERIENCE

Risk Analyst / HDFC Bank

[May'19-Jul'19]

Received a **Letter of Recommendation** in recognition of exemplary work performance during the internship

- Developed **framework** to predict the preferred speaking language of **~1.46 M customers** based on their demographic details
 - Performed a market research to map a list of 4000+ surnames to states of residence and language spoken
 - Tested this framework by sending **Integrated Voice Recordings (IVRs)** for repayment reminders to **10M+ customers**
- Formulated **eligible base** from scorecard deployment using bounce and rollout files of three months for Auto & TW loans
- Examined the **shifts in risk bands** for two consecutive months and identified the set of customers with **unwarranted shifts**
 - Defined a performance variable, Flow-Flag to calculate **Flow-rate** and validated its **linearity** across risk bands

Business Analyst / Mintifi

[Dec'18]

Received a **Letter of Recommendation** in recognition of exemplary work performance during the internship

- Analyzed the **distribution model & profit margin** of **3 sectors** to calculate the credit period and range of interest charged
- Inspected the **transaction data** of various distributors of a particular company to evaluate **eligible distributors** for lending
- Integrated the built-in **loan management system** to automate interest and penal charges calculations in financial statements
- Researched on **Supply Chain Financing (SCF)** and made **2 case studies** on implementing successful models in Indian context

Content Developer / Toppr

[May'18-Jun'18]

- Created innovative, user-friendly **methodology of teaching** using concise revision notes, live videos and animated videos
- Assisted the content team in building **various tests** by analyzing the current curriculum and previous year question papers

KEY PROJECTS

Housing Analysis and Impact of ICT on Food Delivery System / Course Project

[Jan'19-Apr'19]

- Examined housing data of **3500+** Mumbai residents to test **hypotheses** relating salary, rent, education and distance to work
- Studied **2 research papers** to understand **effects and extend** of the factors that lead to growth of online food delivery system
- Explored the **current shaping** of Indian online food delivery service industry based on key **customer trends** and requirements

Fractal Viscous Fingering in clay slurries / Course Project

[Jan'19-Apr'19]

- Studied **5 research papers** on the growth, Number-radius relation and fractal dimension of viscous fingering in clay slurries
- Performed a **Linear Stability Analysis** to derive the conditions for instability which leads to the onset of viscous fingering

POSITIONS OF RESPONSIBILITY

Hostel Alumni Secretary / Student Alumni Relations Cell (SARC) / IIT Bombay

[May'17-Apr'18]

- Collected **20+ projects** by contacting alumni from different core industries and floated them among students as part of ILP
- **Assisted SARC** in conducting Mock Interviews & Group Discussions by bringing **125+ alumni** to cater **400+ final year students**

Coordinator, Operations and Logistics / Mood Indigo / IIT Bombay

[Apr'17-Dec'17]

Asia's Largest College Cultural Festival | Footfall of 141000+ | 210+ events | 160+ International artists

- Chalked out a strategy for **timely deployment** of all necessary logistics & infrastructure required for execution of 15+ events
- Headed on ground execution of the panel discussion which featured **Former Union Minister P.Chidambaram**

System Administrator / Hostel 9 / IIT Bombay

[Jul'18-Apr'19]

- Elected by **400+** students to **lead 2 tier team** of computer and web secretaries to manage LAN and network related concerns

TECHNICAL SKILLS and KEY COURSES

Relevant Courses : Data Structure and Algorithms, Numerical Analysis, Data Analysis, Probability and Random Processes, Optimization Models, Computer Programming and Utilization, Economics

Technical Skills : C/C++, Python, R, MATLAB, AutoCAD, SolidWorks, MS Office, DWSIM

EXTRA-CURRICULARS

Social	<ul style="list-style-type: none">• Spread awareness about demonetization and digital payment methods among underprivileged people• Volunteered for NGO visit under Tarang which involved spreading awareness about benefits of wind energy
Cultural	<ul style="list-style-type: none">• Received Special Mention in Main Dramatics General Championship (MDGC) Hostel 9 dramatics team
Sports	<ul style="list-style-type: none">• Participated in Hostel 9 team for Crossy General Championship and attained 4th position